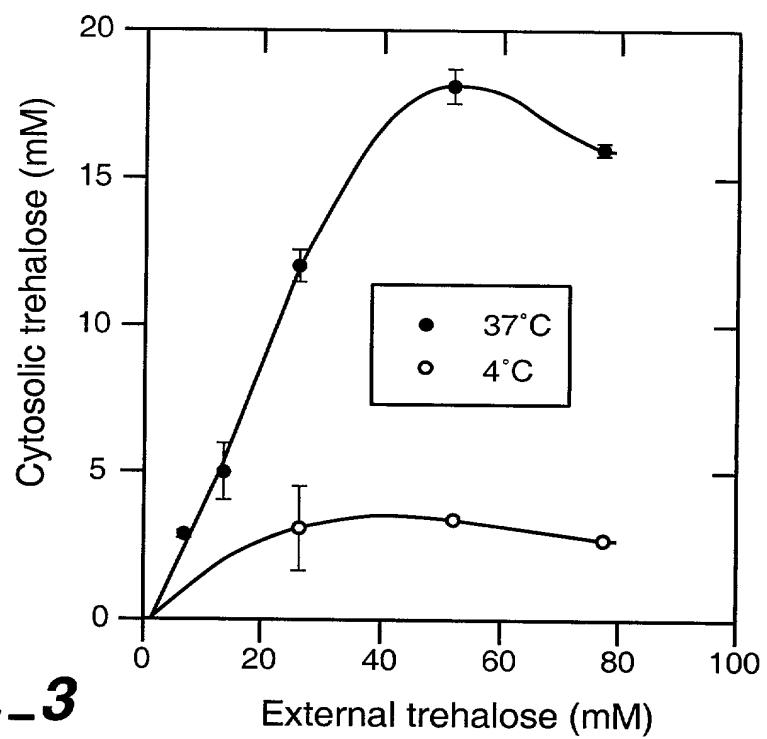
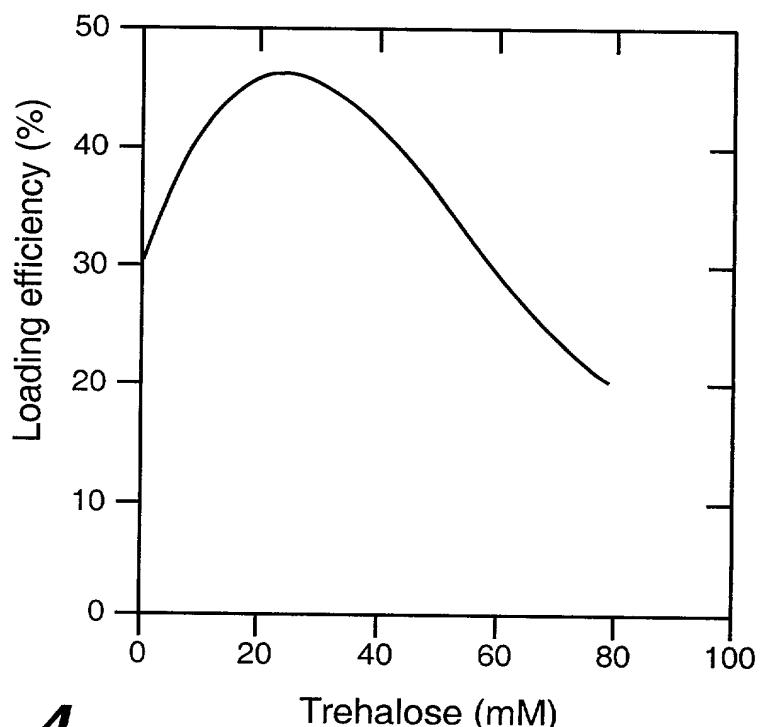


FIG. 2

**FIG._3****FIG._4**

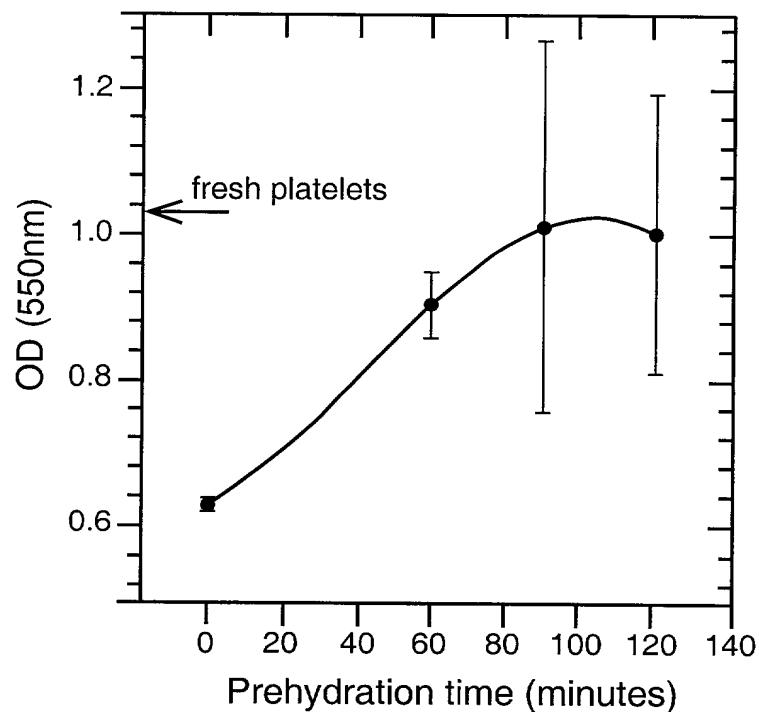


FIG._7

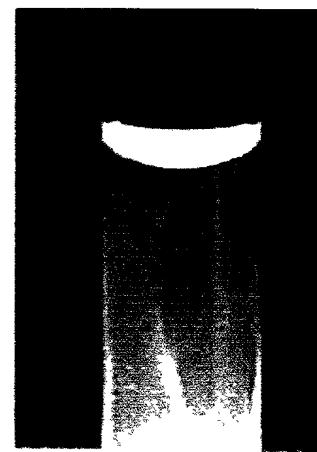
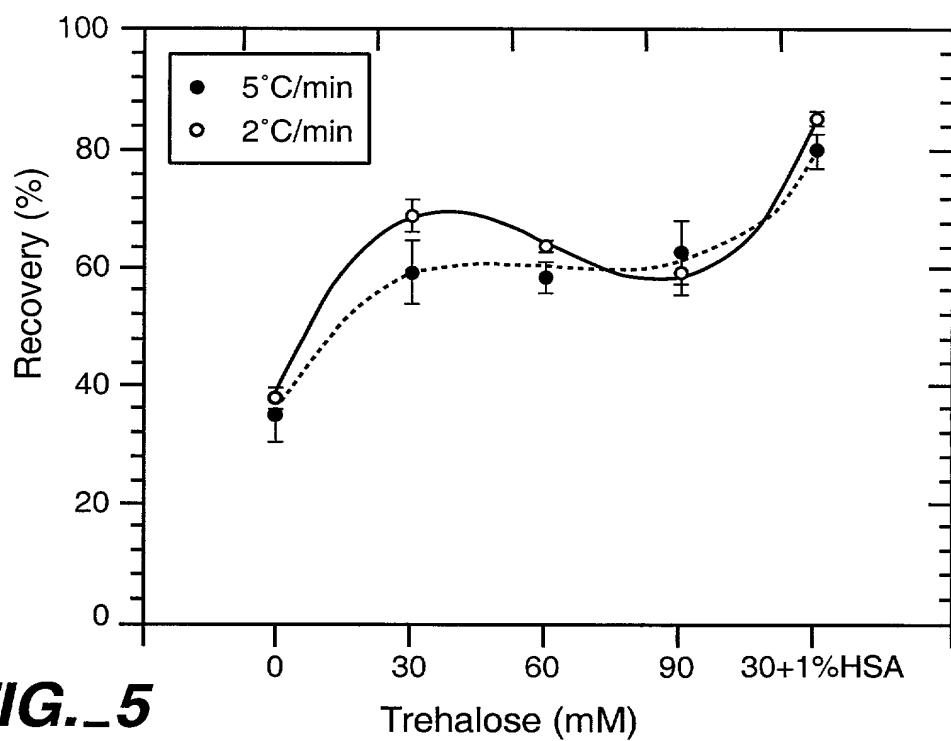
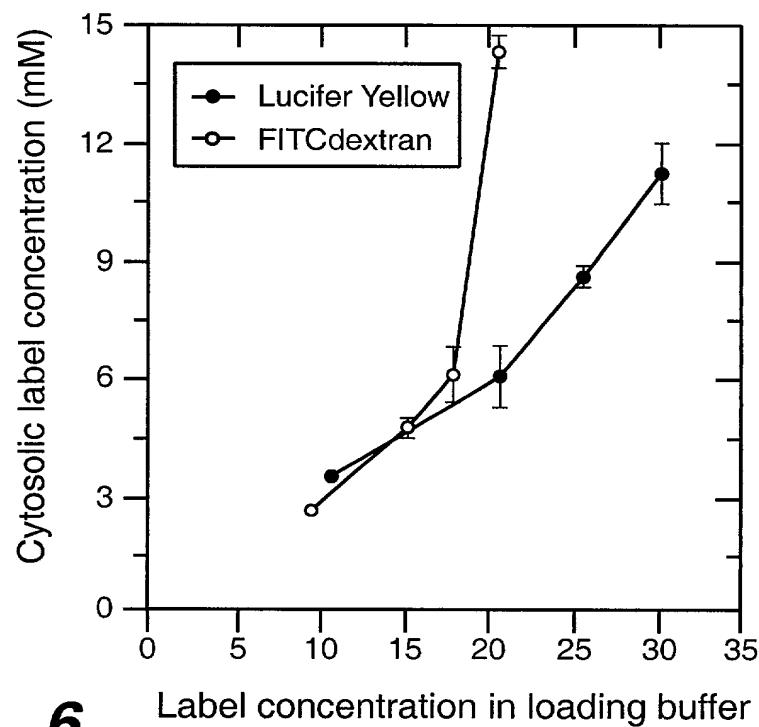


FIG._8A
(PRIOR ART)

FIG._8B

**FIG._5****FIG._6**

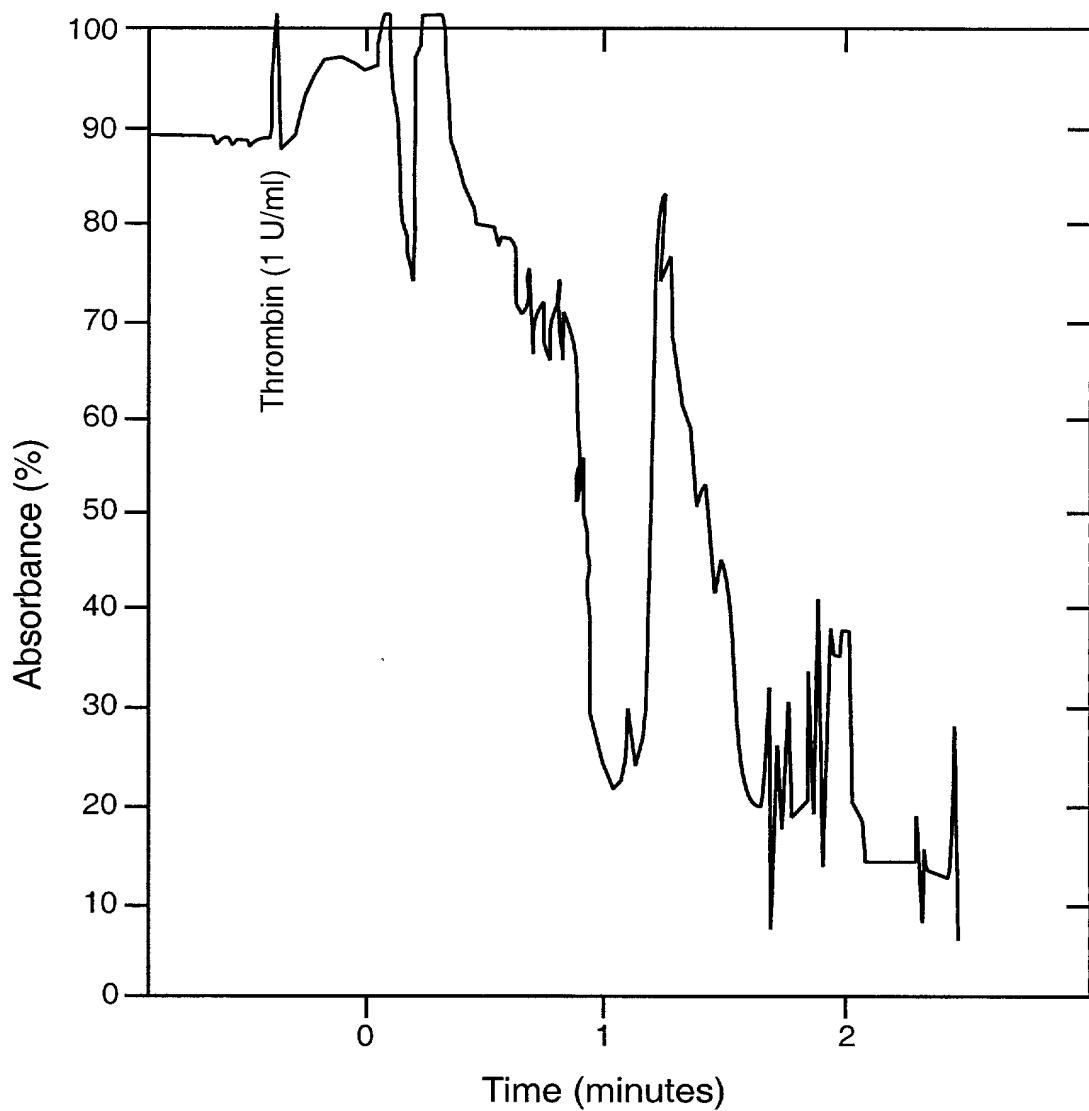


FIG._9

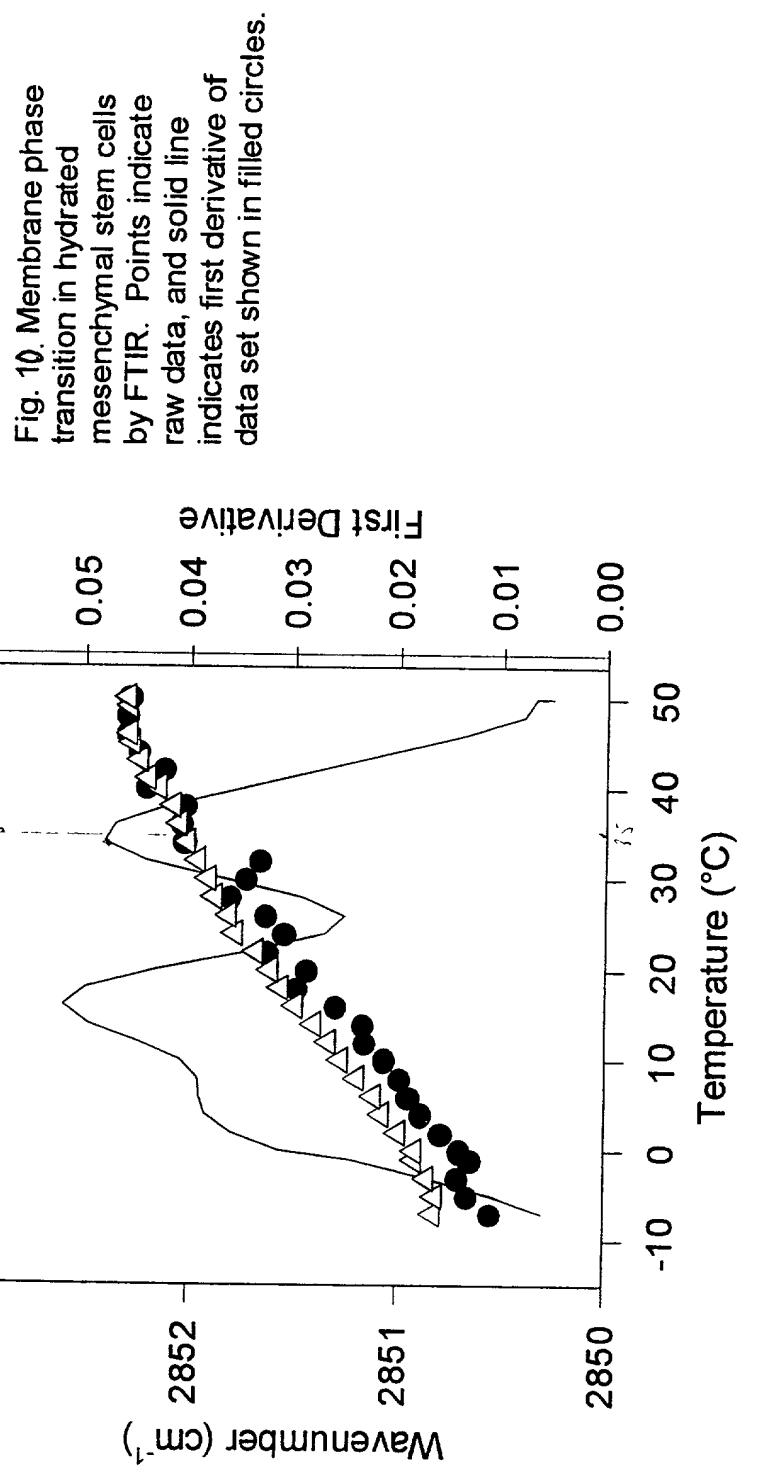


Fig. 10

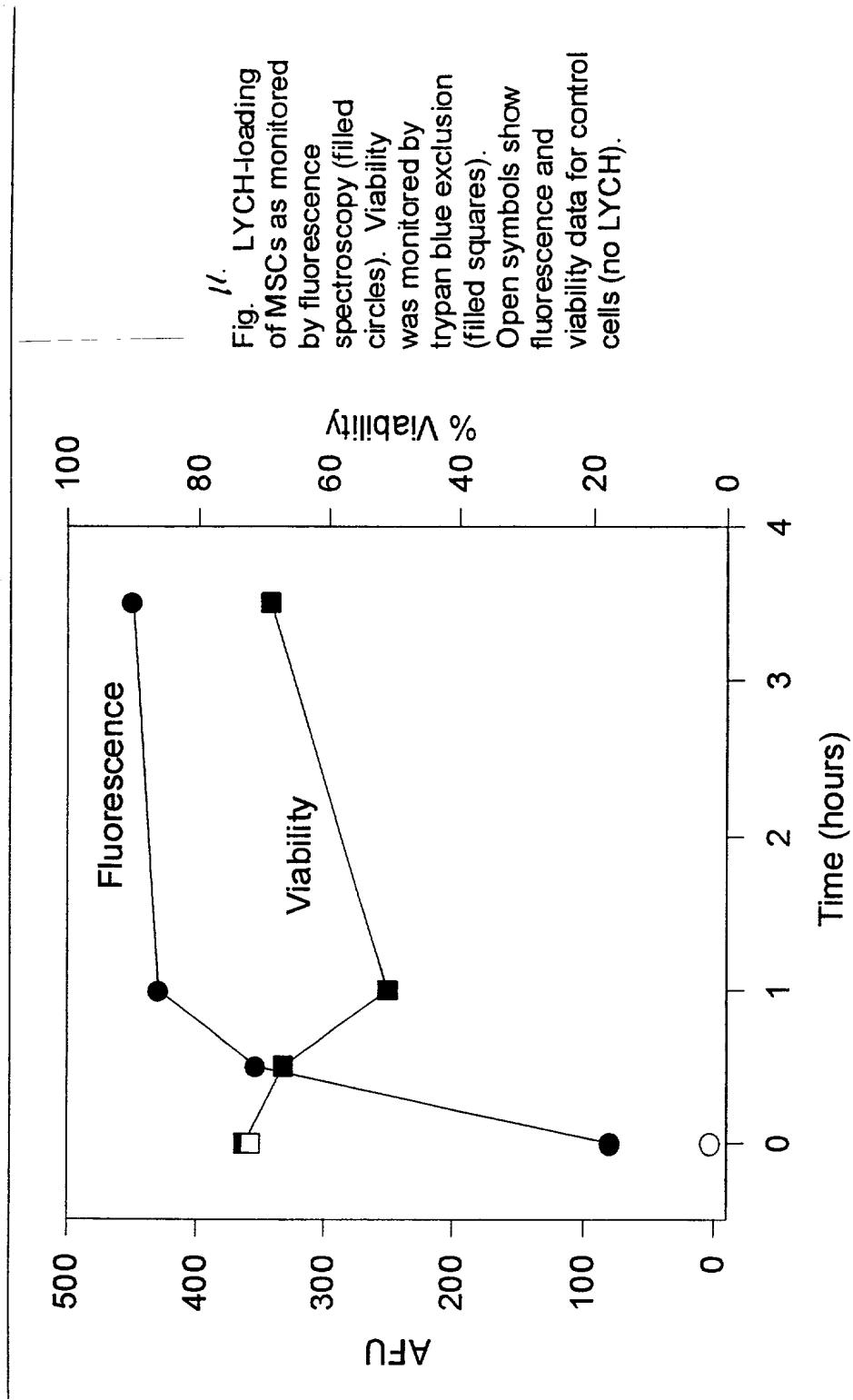


Fig. 11

Fig. 12A **Fig. 12C** **Fig. 12E** **Fig. 12G** **Fig. 12I**

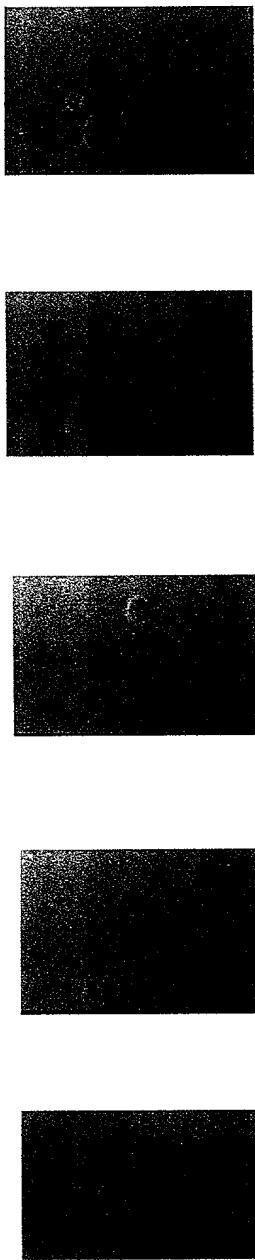
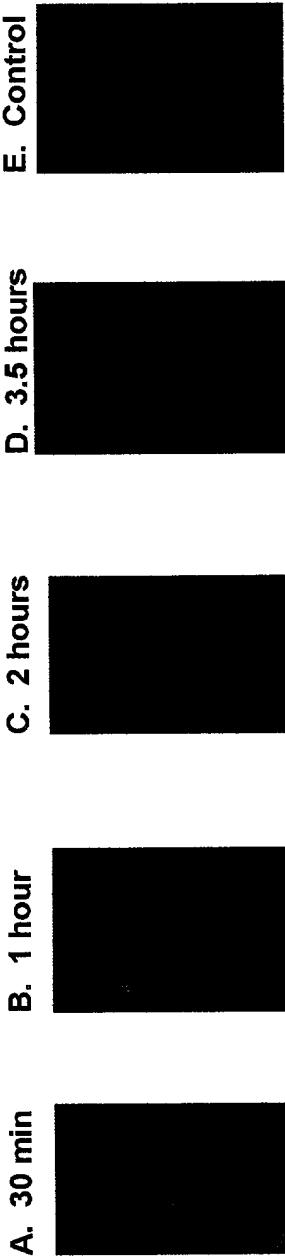


Fig. 12B **Fig. 12D** **Fig. 12F** **Fig. 12H** **Fig. 12J**



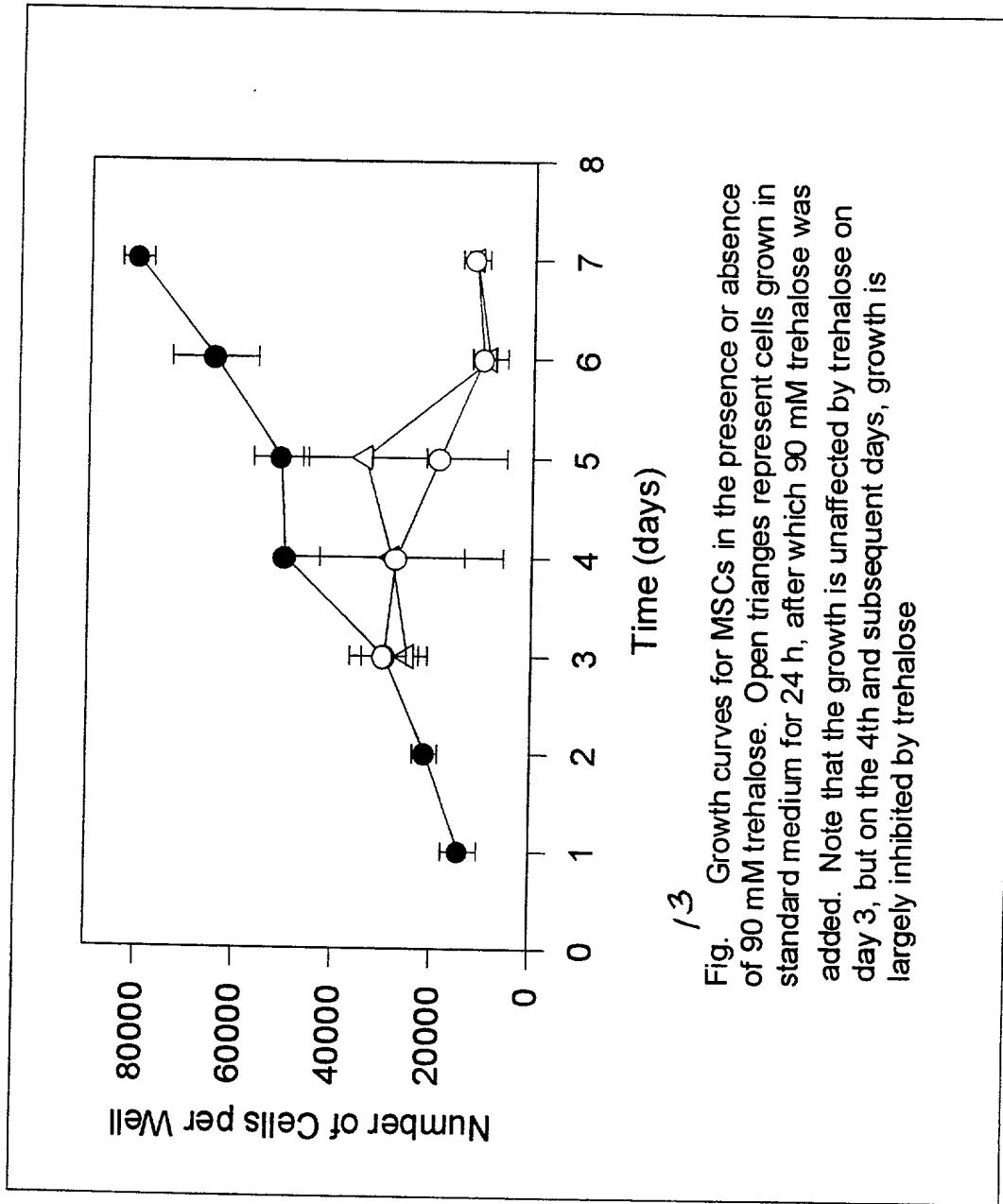


Fig. 13. Growth curves for MSCs in the presence or absence of 90 mM trehalose. Open triangles represent cells grown in standard medium for 24 h, after which 90 mM trehalose was added. Note that the growth is unaffected by trehalose on day 3, but on the 4th and subsequent days, growth is largely inhibited by trehalose

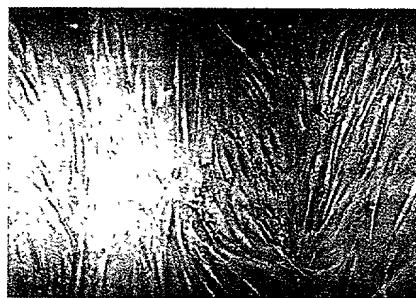


Fig. 14A



Fig. 14B

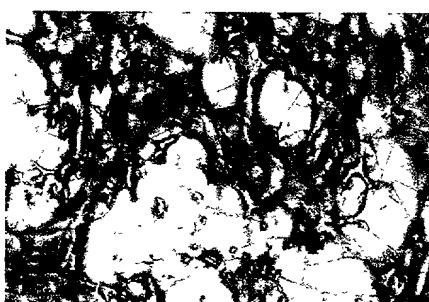


Fig. 15A

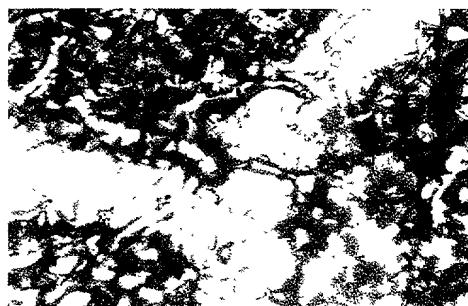


Fig. 15B

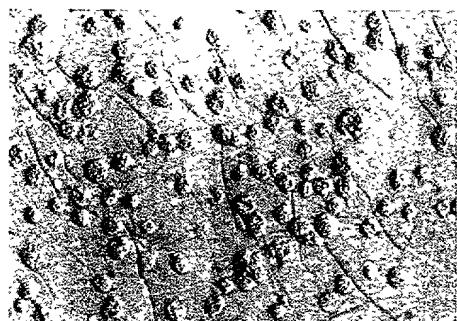


Fig. 16A

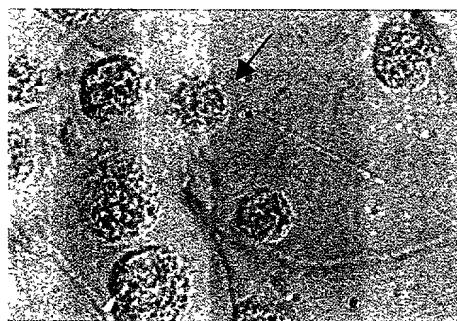


Fig. 16B

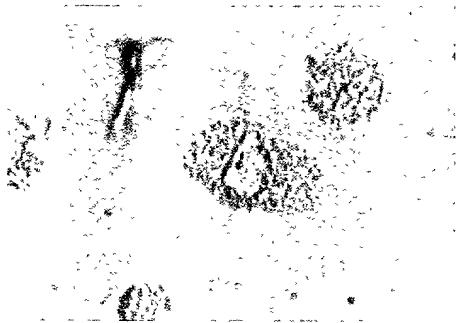


Fig. 16C

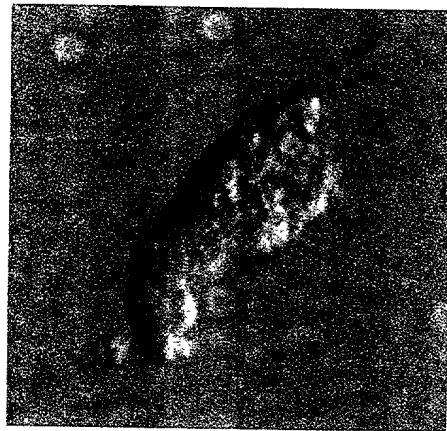


Fig. 17A

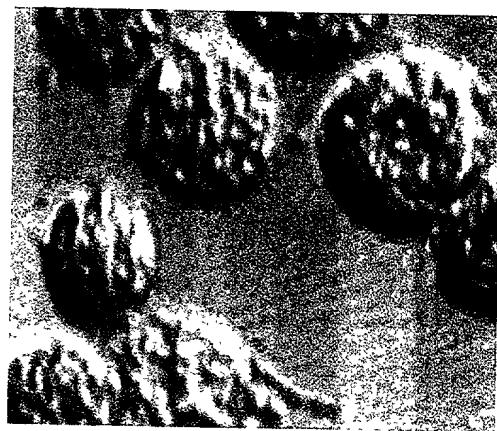


Fig. 17B



Fig. 18A

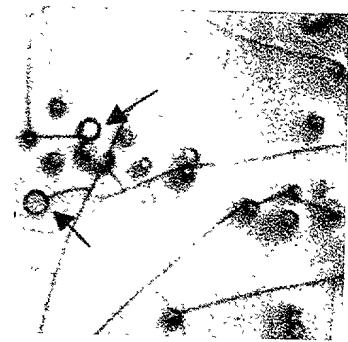


Fig. 18B



Fig. 19A



Fig. 19B

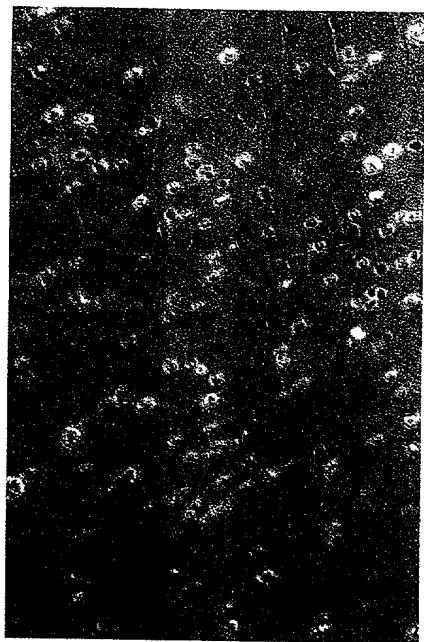


Fig. 20A

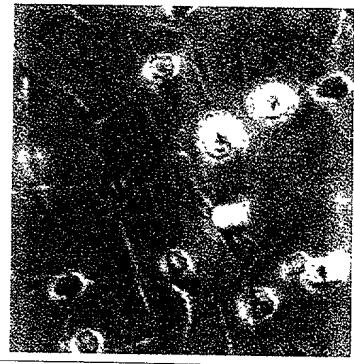


Fig. 20B

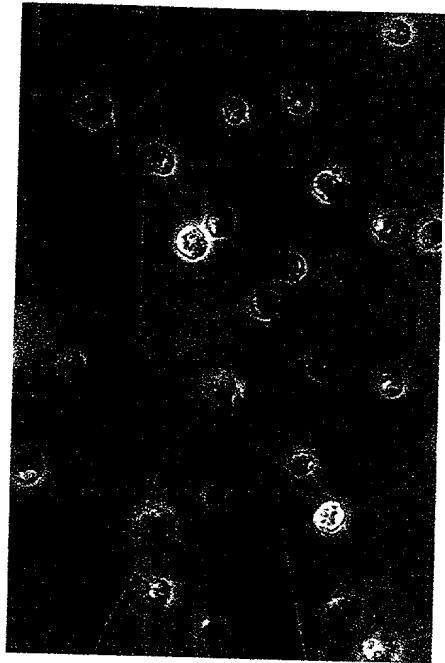


Fig. 21A

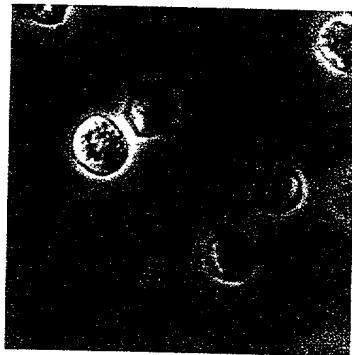


Fig. 21B

% Survival of Trehalose Loaded 293H
Cells as a Function of Residual H_2O
Content (Measured by Trypan Blue Exclusion)

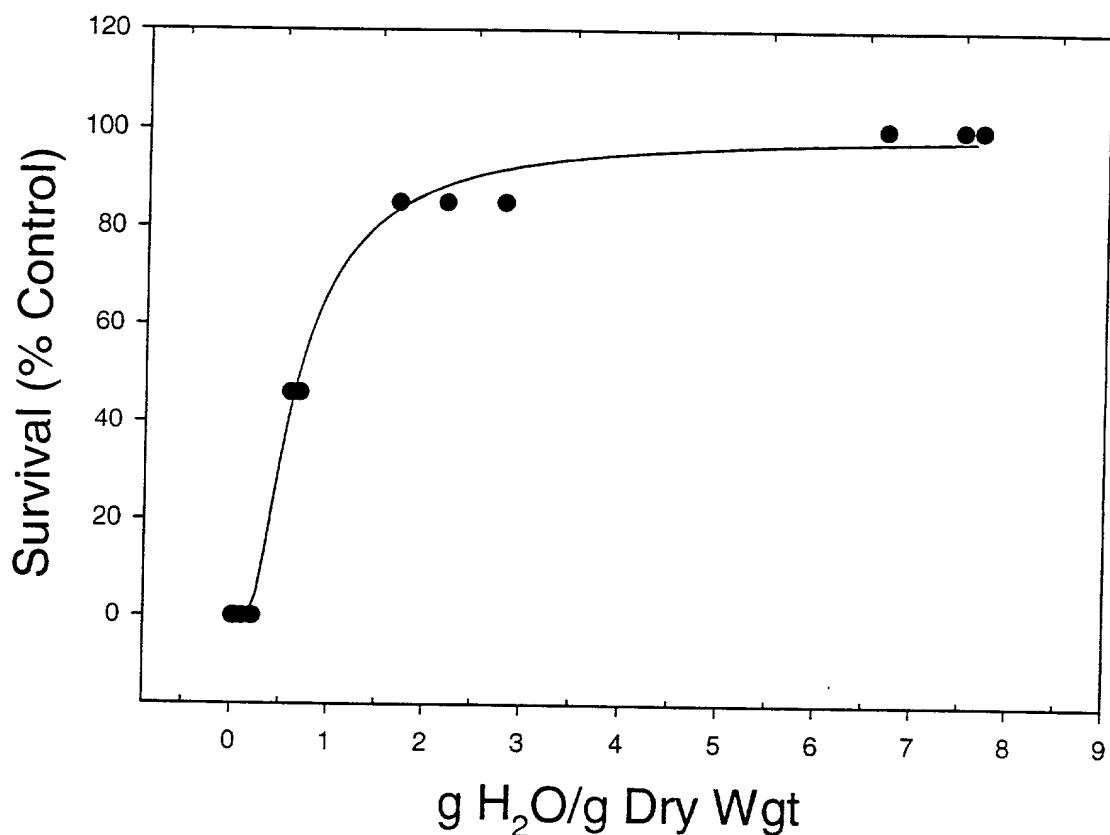


Fig. 22

293H Cells Water Content During Freeze Drying

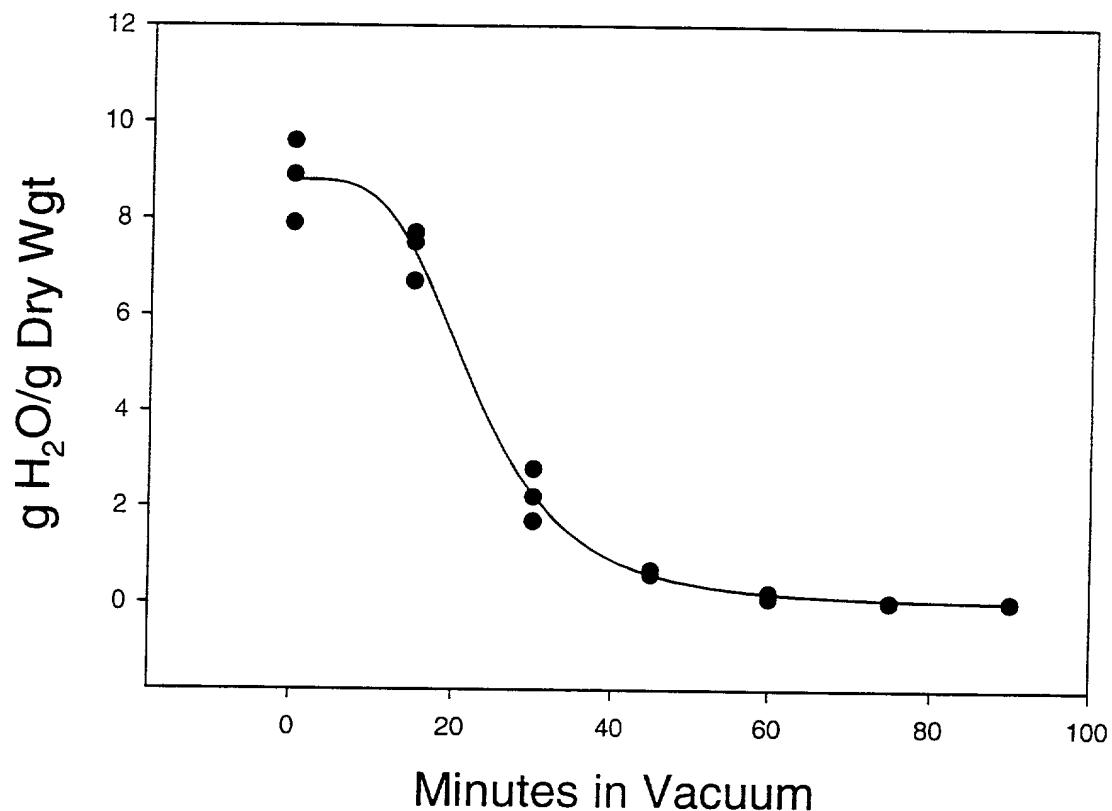


Fig. 23